

Appendix 3 Sample Maneuvering Performance Test Results Poster for Wheelhouse

APPENDIX 6 - FORM FOR REPORTING MANOEUVERING DATA TO IMO

Administration: United States Reference No.

SHIP DATA: (FULL LOAD CONDITION)

Ship Type: Tanker LW 59.8 sec

L/B 6.1 B/T 2.4 C_B 0.85

Rudder Type: Semi-spade

Total Rudder Area (LT) 0.020 Number of Rudders One

Propeller Type: Fixed Pitch

No of propellers One

Engine Type: Steam Turbine

TRIALS DATA: (ENVIRONMENTAL CONDITION)

Water depth / trial draught 6.5 (should be at least 4)

Wind: Beaufort Number 3 (should not exceed 5)

Wave: Sea State 2 (should not exceed 4)

MANOEUVERING DATA:

Loading Condition: Tested at Full Load Tested at Partial Load and Corrected ☒

Turning Circle:	TEST RESULTS		IMO CRITERIA
	PORT	STBD	
Advance	3.1	3.1	Ship Lengths 4.5
Tactical Diameter	2.86	2.74	Ship Lengths 5
Zig-Zag:	PORT	STBD	
10 deg/10 deg			
1st Overshoot Angle	6.2	20	deg 20
2nd Overshoot Angle	12.4	22	deg 20
20 deg/20 deg	PORT	STBD	
1st Overshoot Angle	15.0	14.7	deg 25
Initial Turning:	PORT	STBD	
Distance to turn 10 deg with 10 deg rudder	2.3	2.1	Ship Lengths 2.5
Stopping Distances:			
Track Reach	15.6		Ship Lengths 15

REMARKS:

* see notes on the reverse of the page

NOTE: Federal regulations do NOT require vessels to meet IMO criteria.